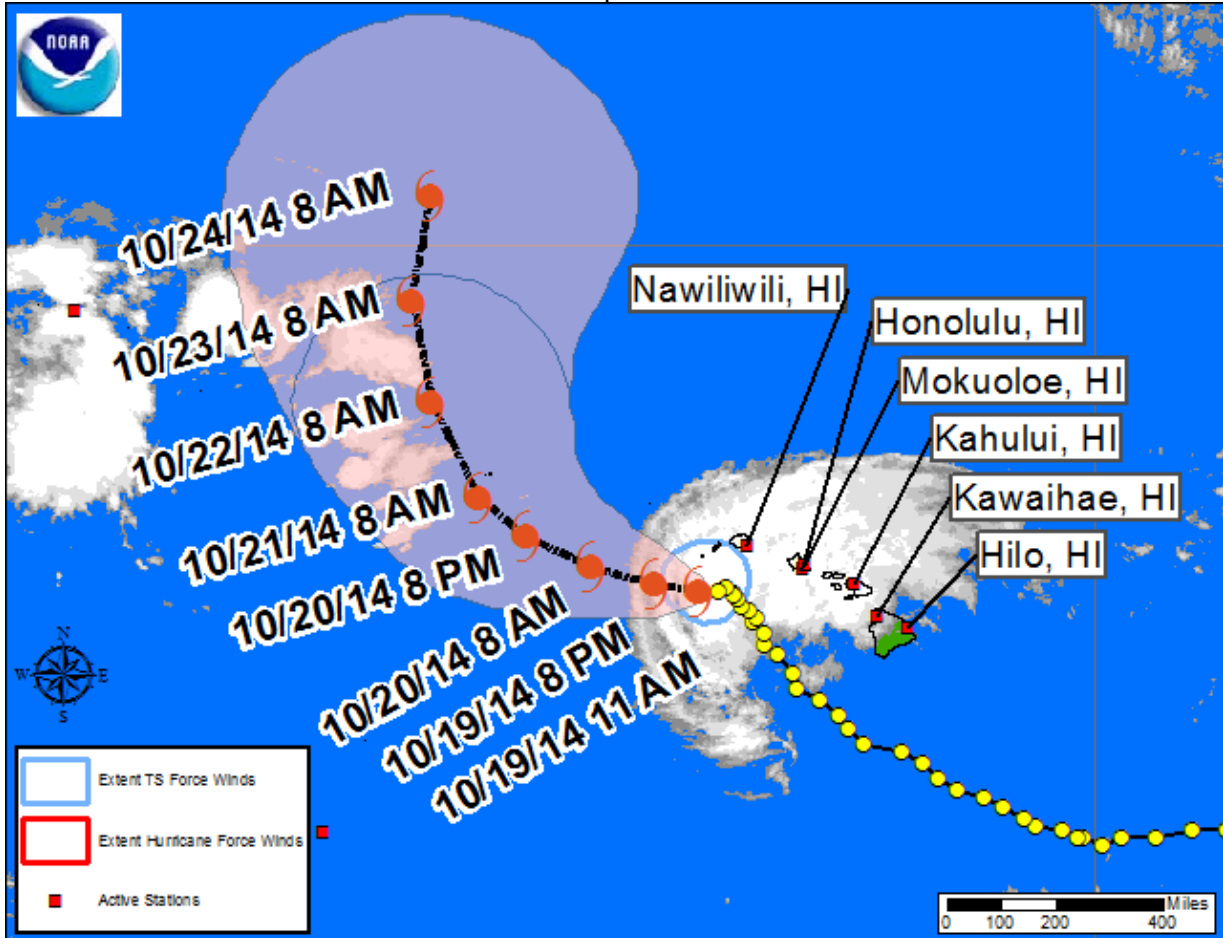




Hurricane ANA QuickLook
Posted: 12:00 HST 10/19/2014

NOAA and NOAA Partnership Stations Relative to the Storm



Storm Analysis

As of 10/19/2014 12:00 HST, water levels at Nawiliwili (Kauai) and across the other main Hawaiian Islands are slightly elevated, ranging between 0.1 and 0.5 feet above predicted tide levels. While there are no winds available on Kauai, winds are currently weak across all Hawaiian Islands. Barometric pressure is rising throughout the area.

Water Level and Meteorological plots available below are updated automatically. A line denoting Mean Higher High Water (MHHW) is displayed to provide an approximate indication of when flooding inundation may occur.

For additional data, please see the [Center for Operational Oceanographic Products & Services](#) website. For more information or archived products and reports, please see the [Storm QuickLook](#) Homepage.

Analyst: TKM

SELECT CENTRAL PACIFIC HURRICANE CENTER ADVISORY INFORMATION:

HURRICANE ANA ADVISORY NUMBER 25

1100 AM HST SUN OCT 19 2014

...ANA SOUTH-SOUTHWEST OF KAUAI NOW MOVING SLOWLY TOWARD THE WEST...

WATCHES AND WARNINGS

CHANGES WITH THIS ADVISORY...

NONE

SUMMARY OF WATCHES AND WARNINGS IN EFFECT...

A TROPICAL STORM WARNING IS IN EFFECT FOR...

* KAUAI COUNTY INCLUDING THE ISLANDS OF KAUAI AND NIIHAU

* PORTIONS OF THE PAPA HANAU MOKU AKEA MARINE NATIONAL MONUMENT...FROM NIHOA TO FRENCH FRIGATE SHOALS.

A HURRICANE WATCH IS IN EFFECT FOR...

* PORTIONS OF THE PAPA HANAU MOKU AKEA MARINE NATIONAL MONUMENT...FROM NIHOA TO MARO REEF.

A TROPICAL STORM WARNING MEANS THAT TROPICAL STORM CONDITIONS ARE EXPECTED SOMEWHERE WITHIN THE WARNING AREA. FOR KAUAI COUNTY... THESE CONDITIONS ARE EXPECTED WITHIN THE NEXT 12 HOURS. FOR THE PAPA HANAU MOKU AKEA MARINE NATIONAL MONUMENT...THESE CONDITIONS ARE EXPECTED WITHIN THE NEXT 24 TO 36 HOURS.

A HURRICANE WATCH MEANS THAT HURRICANE CONDITIONS ARE POSSIBLE WITHIN THE WATCH AREA...GENERALLY WITHIN 48 HOURS.

FOR STORM INFORMATION SPECIFIC TO YOUR AREA...PLEASE MONITOR PRODUCTS ISSUED BY THE NATIONAL WEATHER SERVICE OFFICE IN HONOLULU HAWAII.

DISCUSSION AND 48-HOUR OUTLOOK

AT 1100 AM HST THE CENTER OF HURRICANE ANA WAS LOCATED NEAR LATITUDE 20.7 NORTH...LONGITUDE 160.6 WEST. ANA IS MOVING TOWARD THE WEST NEAR 9 MPH AND THIS MOTION IS EXPECTED TO CONTINUE THROUGH MONDAY...FOLLOWED BY A GRADUAL TURN TOWARD THE NORTHWEST TUESDAY.

MAXIMUM SUSTAINED WINDS ARE NEAR 75 MPH WITH HIGHER GUSTS. ANA IS EXPECTED TO WEAKEN TO JUST BELOW HURRICANE STRENGTH TONIGHT THROUGH TUESDAY...BUT IS EXPECTED TO REMAIN A STRONG TROPICAL STORM.

HURRICANE FORCE WINDS EXTEND OUTWARD UP TO 10 MILES FROM THE CENTER...AND TROPICAL STORM FORCE WINDS EXTEND OUTWARD UP TO 105 MILES.

THE ESTIMATED MINIMUM CENTRAL PRESSURE IS 992 MB.

HAZARDS AFFECTING LAND

WIND...TROPICAL STORM CONDITIONS ARE EXPECTED OVER KAUAI COUNTY TODAY...AND OVER NIHOA TONIGHT. TROPICAL STORM CONDITIONS ARE EXPECTED OVER NECKER ISLAND...FRENCH FRIGATE SHOALS...AND TERN ISLAND MONDAY NIGHT. HURRICANE CONDITIONS ARE POSSIBLE OVER FRENCH FRIGATE SHOALS AND TERN ISLAND MONDAY NIGHT.

SURF...LARGE SWELLS PRODUCED BY ANA WILL CONTINUE TO IMPACT MOST OF THE MAIN HAWAIIAN ISLANDS TODAY...AND WILL REACH THE NORTHWEST HAWAIIAN ISLANDS LATER TODAY AND TONIGHT. SURF PRODUCED BY THESE SWELLS COULD POTENTIALLY BE DAMAGING ALONG EXPOSED SOUTHERN AND SOUTHEASTERN SHORELINES.

RAINFALL...ANA IS EXPECTED TO BRING TOTAL RAINFALL AMOUNTS OF 3 TO 6 INCHES...WITH LOCAL AMOUNTS UP TO 8 INCHES...OVER KAUAI AND NIIHAU. RAINFALL ASSOCIATED WITH ANA WILL MOVE OVER THE SMALLER ISLANDS FROM NIIHAU TO MAUI TODAY. RAINFALL WILL GRADUALLY DIMINISH LATER IN THE DAY OVER OAHU AND MAUI. RAINFALL AMOUNTS OF 4 TO 8 INCHES...WITH LOCAL AMOUNTS OF 12 INCHES...ARE POSSIBLE OVER THE NORTHWEST HAWAIIAN ISLANDS ALONG AND NEAR THE TRACK OF THE CENTER OF ANA.

FORECASTER POWELL

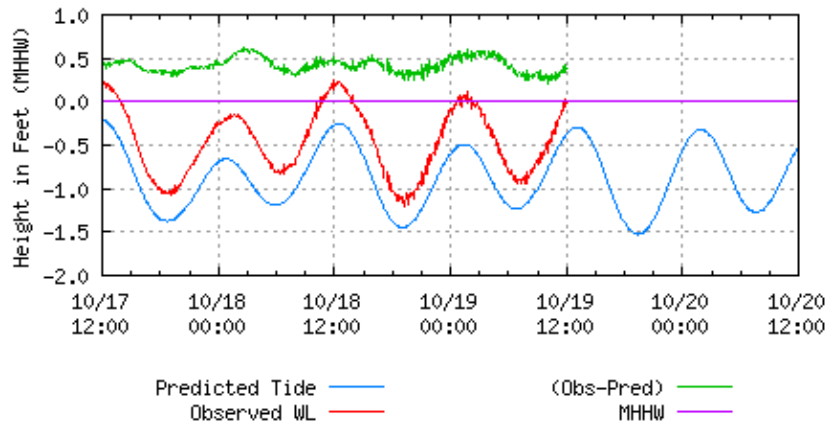
For the purpose of timely release, data contained within this QuickLook have undergone a "limited" NOS Quality Assurance/Control; however, the data have not yet undergone final verification. All data subject to NOS verification.

Jump to: [Nawiliwili - Water Level](#), [Honolulu - Water Level](#), [Honolulu - Winds](#), [Honolulu - Barometric](#), [Mokuoloe - Water Level](#), [Mokuoloe - Winds](#), [Mokuoloe - Barometric](#), [Kahului, Kahului Harbor - Water Level](#), [Kahului, Kahului Harbor - Winds](#), [Kahului, Kahului Harbor - Barometric](#), [Kawaihae - Water Level](#), [Kawaihae - Winds](#), [Hilo, Hilo Bay, Kuhio Bay - Water Level](#), [Hilo, Hilo Bay, Kuhio Bay - Winds](#), [Hilo, Hilo Bay, Kuhio Bay - Barometric](#)

Hurricane ANA QuickLook, POSTED 12:00 HST 10/19/2014

NOAA/NOS/CO-OPS 1611400 Nawiliwili, HI

Preliminary Water Level, relative to Mean Higher High Water(MHHW)



Last Observed Sample: 10/19/2014 12:00 (HST). Data relative to MHHW

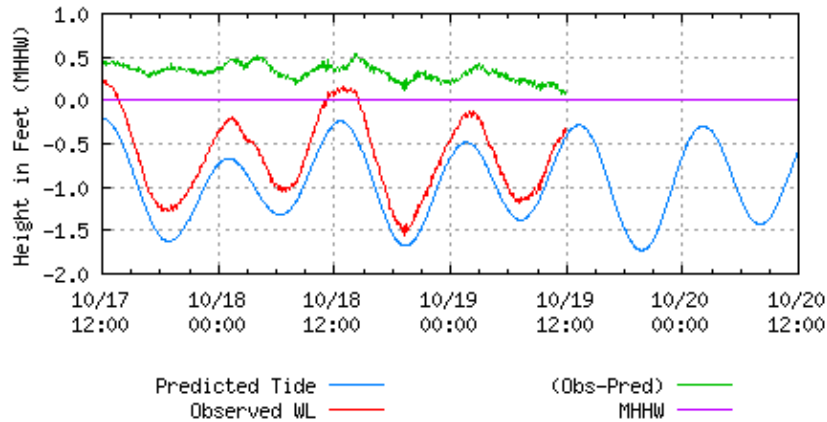
Observed: 0.01 ft. Predicted: -0.37 ft. Residual: 0.38 ft.

Historical Maximum Water Level: Sep 11 1992, 3.15 ft.

Next High Tide: 10/19/2014 13:06 (HST), -0.30 ft.

NOAA/NOS/CO-OPS 1612340 Honolulu, HI

Preliminary Water Level, relative to Mean Higher High Water(MHHW)



Last Observed Sample: 10/19/2014 11:54 (HST). Data relative to MHHW

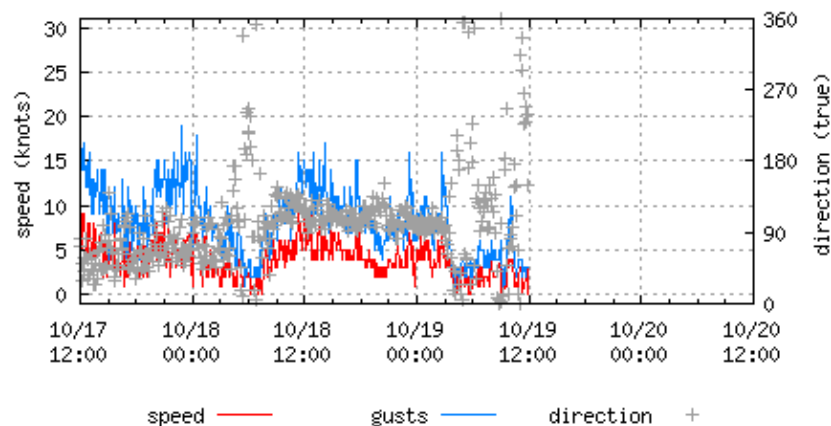
Observed: -0.32 ft. Predicted: -0.42 ft. Residual: 0.10 ft.

Historical Maximum Water Level: Feb 14 1967, 1.49 ft.

Next High Tide: 10/19/2014 13:18 (HST), -0.28 ft.

NOAA/NOS/CO-OPS 1612340 Honolulu, HI

Wind Speed / Gusts / Direction

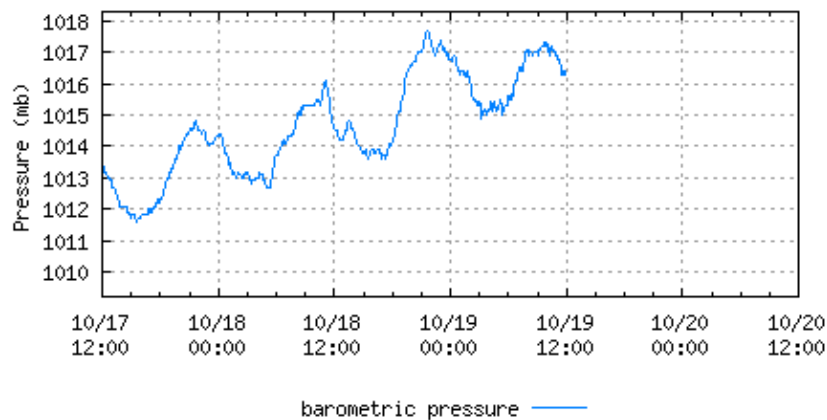


Last Observed Sample: 10/19/2014 11:54 (HST)

Wind Speed: 0 knots Gusts: 3 knots Direction: 150° T

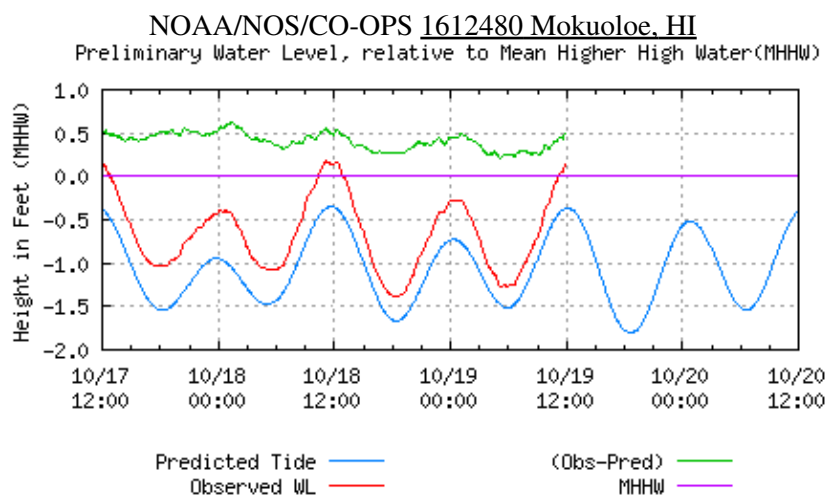
NOAA/NOS/CO-OPS 1612340 Honolulu, HI

Barometric Pressure



Last Observed Sample: 10/19/2014 11:54 (HST)

Barometric Pressure: 1016.3 mb

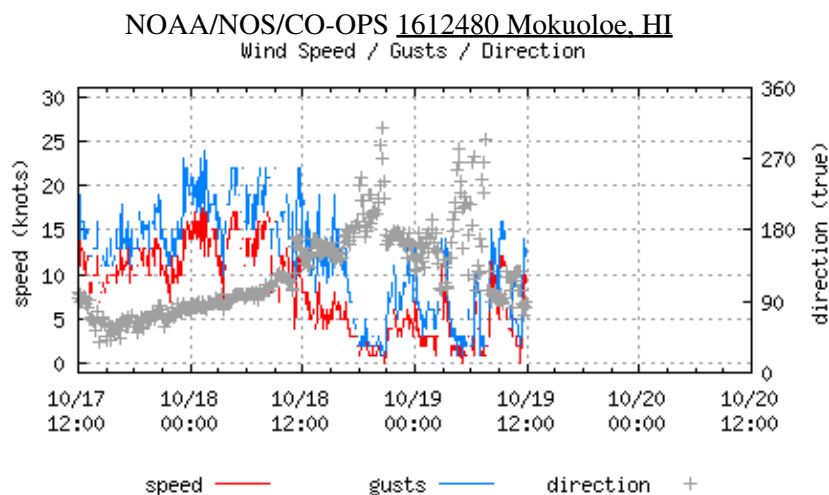


Last Observed Sample: 10/19/2014 11:54 (HST). Data relative to MHHW

Observed: 0.13 ft. Predicted: -0.37 ft. Residual: 0.50 ft.

Historical Maximum Water Level: Jan 8 1974, 1.46 ft.

Next High Tide: 10/19/2014 12:06 (HST), -0.36 ft.

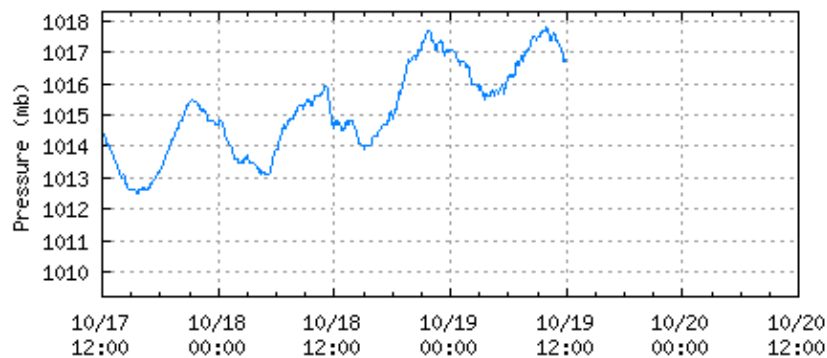


Last Observed Sample: 10/19/2014 11:54 (HST)

Wind Speed: 10 knots Gusts: 13 knots Direction: 81° T

NOAA/NOS/CO-OPS 1612480 Mokuoloe, HI

Barometric Pressure



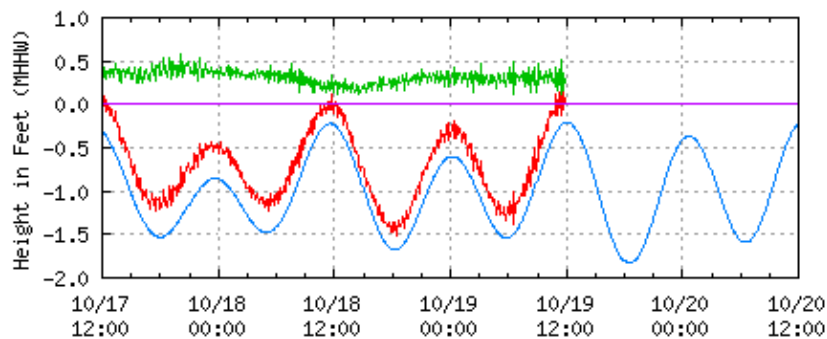
barometric pressure —

Last Observed Sample: 10/19/2014 11:54 (HST)

Barometric Pressure: 1016.8 mb

NOAA/NOS/CO-OPS 1615680 Kahului, Kahului Harbor, HI

Preliminary Water Level, relative to Mean Higher High Water (MHHW)



Predicted Tide —

Observed WL —

(Obs-Pred) —

MHHW —

Last Observed Sample: 10/19/2014 11:48 (HST). Data relative to MHHW

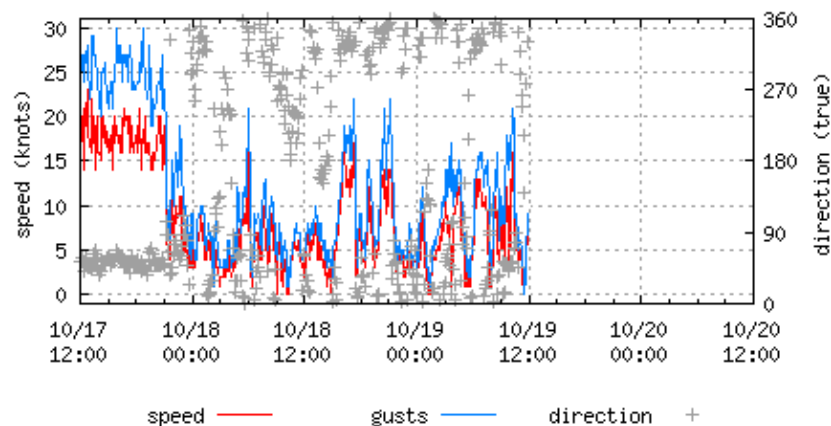
Observed: 0.04 ft. Predicted: -0.21 ft. Residual: 0.25 ft.

Historical Maximum Water Level: Dec 20 1968, 1.23 ft.

Next High Tide: 10/19/2014 12:03 (HST), -0.21 ft.

NOAA/NOS/CO-OPS 1615680 Kahului, Kahului Harbor, HI

Wind Speed / Gusts / Direction

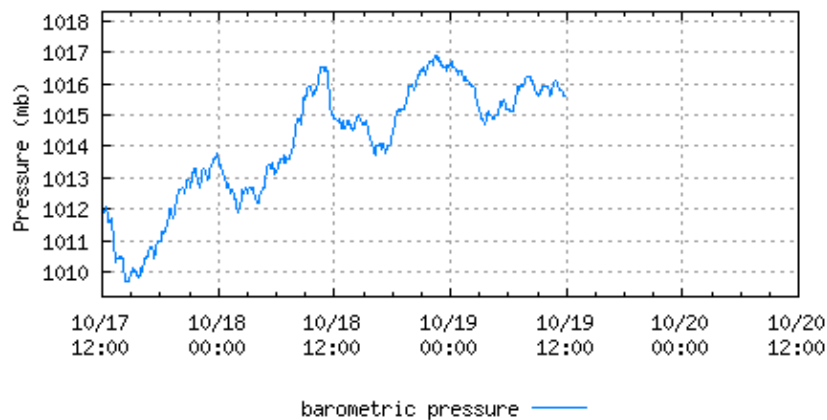


Last Observed Sample: 10/19/2014 11:48 (HST)

Wind Speed: 7 knots Gusts: 9 knots Direction: 331° T

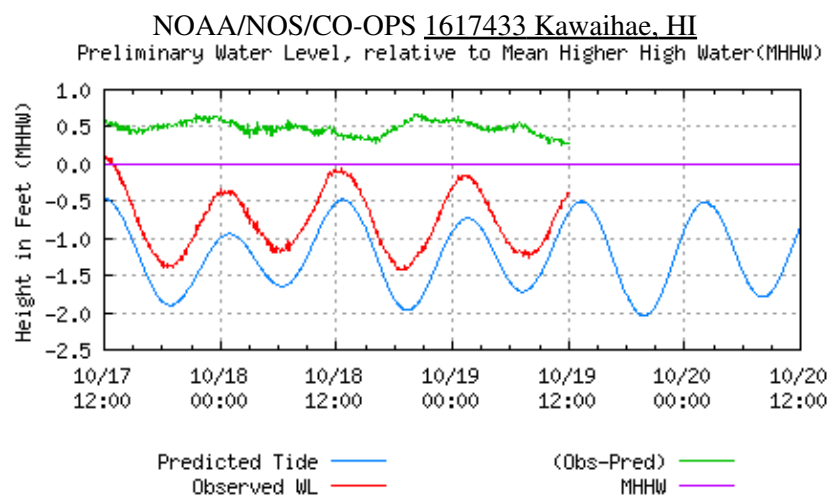
NOAA/NOS/CO-OPS 1615680 Kahului, Kahului Harbor, HI

Barometric Pressure



Last Observed Sample: 10/19/2014 11:48 (HST)

Barometric Pressure: 1015.6 mb

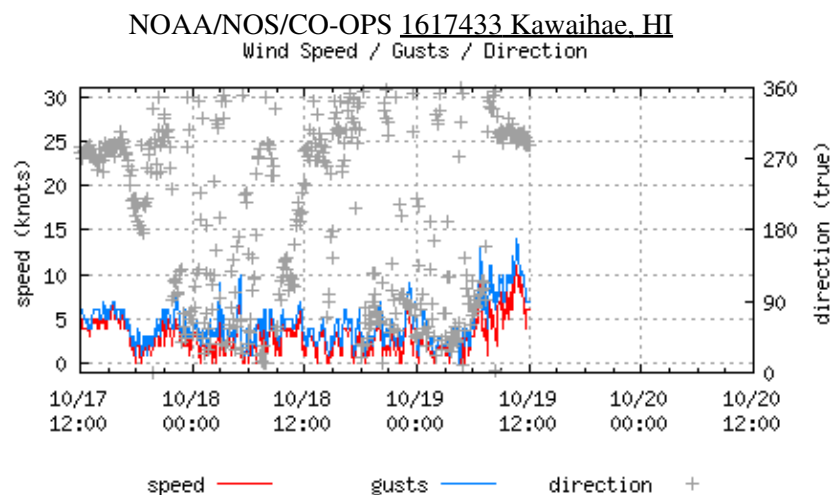


Last Observed Sample: 10/19/2014 12:00 (HST). Data relative to MHHW

Observed: -0.38 ft. Predicted: -0.66 ft. Residual: 0.28 ft.

Historical Maximum Water Level: Dec 13 2008, 1.22 ft.

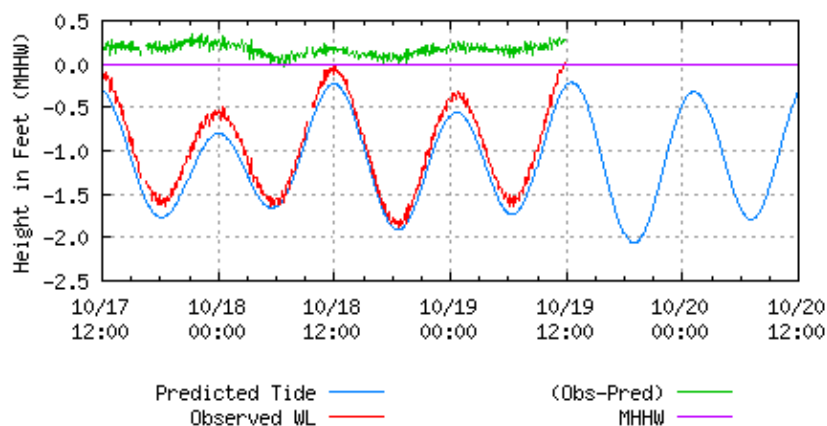
Next High Tide: 10/19/2014 13:22 (HST), -0.50 ft.



Last Observed Sample: 10/19/2014 12:00 (HST)

Wind Speed: 6 knots Gusts: 7 knots Direction: 288° T

NOAA/NOS/CO-OPS 1617760 Hilo, Hilo Bay, Kuhio Bay, HI
Preliminary Water Level, relative to Mean Higher High Water(MHHW)



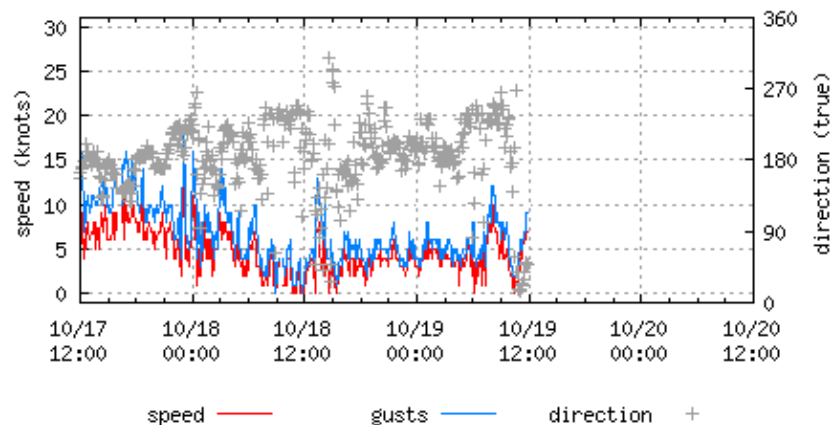
Last Observed Sample: 10/19/2014 11:48 (HST). Data relative to MHHW

Observed: 0.01 ft. Predicted: -0.27 ft. Residual: 0.28 ft.

Historical Maximum Water Level: Jan 20 1981, 1.37 ft.

Next High Tide: 10/19/2014 12:33 (HST), -0.21 ft.

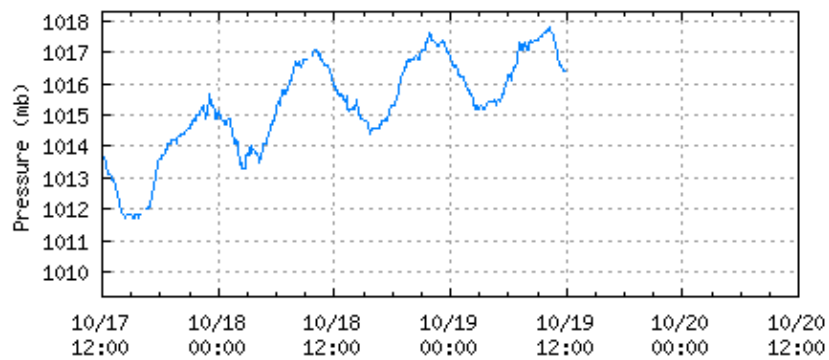
NOAA/NOS/CO-OPS 1617760 Hilo, Hilo Bay, Kuhio Bay, HI
Wind Speed / Gusts / Direction



Last Observed Sample: 10/19/2014 11:48 (HST)

Wind Speed: 7 knots Gusts: 9 knots Direction: 49° T

NOAA/NOS/CO-OPS 1617760 Hilo, Hilo Bay, Kuhio Bay, HI
Barometric Pressure



barometric pressure —

Last Observed Sample: 10/19/2014 11:48 (HST)

Barometric Pressure: 1016.4 mb

Hurricane ANA QuickLook, POSTED 12:00 HST 10/19/2014

Latest Water Level Observations on MHHW

Station ID	Station Name	Date/Time	Observed Water Level	Predicted Tide	Residual Water Level	24 Hour Maximum Storm Tide
1611400	Nawiliwili, HI	10/19/2014 12:00 (HST)	0.01 ft	-0.37 ft	0.38 ft	0.24 ft
1612340	Honolulu, HI	10/19/2014 11:54 (HST)	-0.32 ft	-0.42 ft	0.10 ft	0.16 ft
1612480	Mokuoloe, HI	10/19/2014 11:54 (HST)	0.13 ft	-0.37 ft	0.50 ft	0.16 ft
1615680	Kahului, Kahului Harbor, HI	10/19/2014 11:48 (HST)	0.04 ft	-0.21 ft	0.25 ft	0.28 ft
1617433	Kawaihae, HI	10/19/2014 12:00 (HST)	-0.38 ft	-0.66 ft	0.28 ft	-0.06 ft
1617760	Hilo, Hilo Bay, Kuhio Bay, HI	10/19/2014 11:48 (HST)	0.01 ft	-0.27 ft	0.28 ft	0.01 ft

Center for Operational Oceanographic Products & Services (CO-OPS) | National Ocean Service (NOS)
National Oceanic and Atmospheric Administration | U.S. Department of Commerce